

From: Dale Bowyer
To: Andree Breau; Lee, Shin-Roei
CC: Morrison, Elizabeth
Date: Thursday, May 14, 2009 4:33 PM
Subject: Fwd: Redwood City Hydrology and Stormwater Permit
Attachments: Redwood City Plant site and local hydrology.pptx

Greetings,

I mistakenly sent this to Liz. This is Andree's project. This describes a discussion that Steve Ritchie and I had today about drainages adjacent to the "salt works" future project's restoration area.

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>>> Dale Bowyer 5/14/2009 4:11 PM >>>

Steve,

As I told you on the phone I believe there is nothing in our permits, either existing or pending that would prevent the restoration of those stormwater flows through the "to be restored" tidal wetland. It would be a good idea to bounce this off of DFG and FWS, however, because I don't know what they think. There are major benefits to routing such storm flows through a wetland, such as creating brackish habitat, which is quite rare, and keeping the slough channels open through storm flushing. Anyway, the whole point of the urban runoff NPDES permits is to ensure that clean water runs off of the urban environment.

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>>> "Steve Ritchie" <sritchie@scc.ca.gov> 5/14/2009 1:25 PM >>>

Dale - Per our conversation, attached is a Powerpoint slide showing the very generalized hydrology in the vicinity of Cargill's Redwood City Plant Site.

2 or 3 drainages come down from the hills, passing through 6 or 7 jurisdictions along the way, and discharge into a channel that flows southeasterly along the back side of the Cargill facility. That channel then makes a sharp left turn into Flood Slough and flows out to the Bay. There may be a pump station going from the drainage channel into Flood Slough. The drainage channel floods into the adjacent mobile home park every few years because the channel can't carry the flow away fast enough. Historically, the drainage ways obviously flowed out to the Bay through the historic wetlands that are underneath the salt works.

Cargill's development partner was showing me their proposed development and wetland restoration plan yesterday in anticipation of them submitting it to Redwood City next week. They asked for my reaction. I told them they should reconnect the upstream drainages to the Bay through the wetlands they are proposing on the site. They said they couldn't do that because the municipal stormwater permit would make them responsible for whatever was in the drainage ways as a result of the actions or inactions of the upstream

jurisdictions. I told them I thought that was an incorrect interpretation of the permit (not knowing what it says), and in any event, that was just plain stupid.

I hope that the finally adopted permit doesn't encourage such nonsense.

Steve.

Steve Ritchie

Executive Project Manager

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